CLAIMS

What is claimed is:

1. A remote control system for controlling at least one vehicle within an activation radius comprising:

   a remote device for transmitting a wave coded signal to at least one vehicle within an activation radius; and

   a receiver which is located in at least one vehicle within the activation radius for receiving the wave coded signal;

   wherein receipt of the wave coded signal by said receivers in said vehicles causes the speed of the vehicles to be reduced in response to the wave coded signal.

2. The remote control system of claim 1, wherein said remote device is located in a law enforcement agency vehicle.

3. The remote control system of claim 2, wherein said law enforcement agency vehicle is selected from the group consisting of motor vehicle, motorbike, bike, boat and helicopter.

4. The remote control system of claim 1, wherein said receiver is located in all vehicles.

5. The remote control system of claim 1, wherein said vehicle is selected from the group consisting of car, van, truck, bus, motorbike and boat.

6. The remote control system of claim 1, wherein the activation radius is about 100 to 300 feet from the remote device.

7. The remote control system of claim 1, wherein the activation radius is about 3 to 10 feet from the remote device.

8. The remote control system of claim 1, wherein said remote device is linked to a computer of a law enforcement agency.

9. The remote control system of claim 1, wherein said remote device consists of a hand held remote unit and a base unit which is physically located in a law enforcement agency vehicle, wherein said hand held remote unit and said base unit are linked together.

10. The remote control system of claim 1, wherein the speed of the vehicles is reduced to about 5-10 mph in response to the wave coded signal.

11. The remote control system of claim 1, wherein the speed of the vehicles is reduced such that the vehicles are stopped in response to the wave coded signal.

12. The remote control system of claim 1, wherein the speed of the vehicles is first reduced to about 5-10 mph in response to a first wave coded signal and second the speed of the vehicles is further reduced such that the vehicles are stopped in response to a second wave coded signal.

13. The remote control system of claim 1, wherein the speed of the vehicles is reduced by controlling the fuel supply of the vehicles in response to the wave coded signal.

14. The remote control system of claim 1, wherein the speed of the vehicles is reduced by cutting the ignition of the vehicles in response to the wave coded signal.

15. The remote control system of claim 1, wherein receipt of the wave coded signal by said receivers in said vehicles causes the warning lights of said vehicles to blink in response to the wave coded signal.

16. The remote control system of claim 15, wherein the warning lights of said vehicles blink slowly or quickly.

17. The remote control system of claim 1, wherein the control of the speed of the vehicles is returned to the operator of the vehicle in response to the wave coded signal.

18. The remote control system of claim 1, wherein the remote device is secured.

19. The remote control system of claim 1, wherein the remote device is secured by a means selected from the group consisting of smart card, password, biometric reader, electronic key, magnetic strip card and access card.

20. The remote control system of claim 1, wherein said wave coded signal is a secured digital radio signal in a dedicated bandwidth.

21. The remote control system of claim 1, wherein said remote device has at least one push button.

22. The remote control system of claim 1, further comprising a controller for controlling said remote device and said receiver.

23. The remote control system of claim 22, wherein said controller is a computer station with a receiver and a transmitter.

24. The remote control system of claim 22, wherein the controller is secured.

25. The remote control system of claim 22, wherein the controller is secured by a means selected from the group consisting of smart card, password, biometric reader, electronic key, magnetic strip card and access card.

26. The remote control system of claim 1, further comprising a transmitter which is located in at least one vehicle for transmitting data.

27. A method for remotely controlling at least one vehicle within an activation radius comprising the steps of:

transmitting a wave coded signal to be received by the receiver in at least one vehicle in the activation radius;

receiving the wave coded signal by the receiver of said vehicles; and

reducing the speed of said vehicles in response to the wave coded signal.

28. The method of claim 27, further comprising the step of disarming the remote device.

29. The method of claim 27, wherein the step of reducing the speed of said vehicles includes reducing the speed of the vehicles to about 5-10 mph in response to a wave coded signal.

30. The method of claim 27, wherein the step of reducing the speed of said vehicles includes reducing the speed of the vehicles such that the vehicles are stopped in response to a wave coded signal.

31. The method of claim 27, wherein the step of reducing the speed of said vehicles includes first reducing the speed of said vehicles to about 5-10 mph in response to a wave coded signal and second reducing the speed of the vehicles such that the vehicles are stopped in response to a second wave coded signal.

32. The method of claim 27, wherein the step of reducing the speed of said vehicles includes causing the warning lights of the vehicles to blink in response to the wave coded signal.

33. The method of claim 27, further comprising the step of transmitting data from a transmitter located in a vehicle.

34. A remote control device enabling the control of at least one vehicle within an activation radius comprising:

a remote device configured and adapted for transmitting a wave coded signal to at least one vehicle within an activation radius;

wherein receipt of the wave coded signal by the receiver in said vehicles within the activation radius causes the speed of said vehicles to be reduced.